OnSite Environmental Inc.
Analytical Testing and Mobile Laboratory Services

February 4, 2005

Marc Sauze
SECOR
P.O. Box 230
Redmond, WA 98073

Re: Analytical Data for Project Conoco-Marysville
Laboratory Reference No. 0501-203

Dear Marc:

Enclosed are the analytical results and associated quality control data for samples submitted on January 26, 2005.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881 • Fax (425) 885-4603

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

Case Narrative

Samples were collected on January 26, 2005 and received by the laboratory on January 26, 2005. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

NWTPH-Dx

Date Extracted: 1-26-05
Date Analyzed: 1-28-05

Matrix: Soil
Units: mg/kg (ppm)

Client ID:	Bottom Sample	North Wall	West Wall
Lab ID:	01-203-01	01-203-02	01-203-03
Diesel Range:	ND	ND	ND
PQL:	140	27	27
Identification:	---	---	---
Lube Oil Range:	4700	980	640
PQL:	280	54	54
Identification:	Lube Oil	Lube Oil	Lube Oil
Surrogate Recovery			
o-Terphenyl:	122%	138%	117%
Flags:	Y	Y	Y

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted:	1-26-05
Date Analyzed:	1-27-05
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0126S1
Diesel Range:	ND
PQL:	25
Identification:	---
Lube Oil Range:	ND
PQL:	50
Identification:	---
Surrogate Recovery	
o-Terphenyl:	132%
Flags:	Y

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted:	1-26-05
Date Analyzed:	1-28-05
Matrix:	Soil
Units:	mg/kg (ppm)

Lab ID:	01-203-01	01-203-01 DUP
Diesel Range:	ND	ND
PQL:	130	130
RPD:	N/A	
Surrogate Recovery		
o-Terphenyl:	122%	150%
Flags:	Y	Y

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
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Project: Conoco-Marysville

SEMIVOLATILES by EPA 8270C/SIM

Date Extracted:	1-28-05
Date Analyzed:	1-31-05
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	01-203-01
Client ID:	**Bottom Sample**

Compound:	Results	Flags	PQL
Aniline	ND		1.9
bis(2-Chloroethyl)ether	ND		0.37
Phenol	ND		0.19
2-Chlorophenol	ND		0.19
1,3-Dichlorobenzene	ND		0.19
1,4-Dichlorobenzene	ND		0.19
1,2-Dichlorobenzene	ND		0.19
Benzyl alcohol	ND		0.37
bis(2-chloroisopropyl)ether	ND		0.37
2-Methylphenol	ND		0.19
Hexachloroethane	ND		0.19
N-Nitroso-di-n-propylamine	ND		0.19
4-Methylphenol	ND		0.19
Nitrobenzene	ND		0.19
Isophorone	ND		0.19
2-Nitrophenol	ND		0.37
2,4-Dimethylphenol	ND		0.19
bis(2-Chloroethoxy)methane	ND		0.37
2,4-Dichlorophenol	ND		0.19
Benzoic acid	ND		1.9
1,2,4-Trichlorobenzene	ND		0.19
Naphthalene	ND		0.0074
4-Chloroaniline	ND		0.93
Hexachlorobutadiene	ND		0.37
4-Chloro-3-methylphenol	ND		0.19
2-Methylnaphthalene	ND		0.0074
1-Methylnaphthalene	ND		0.0074

Date of Report: February 4, 2005
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SEMIVOLATILES by EPA 8270C/SIM
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Lab ID: 01-203-01
Client ID: Bottom Sample

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		1.9
2,4,6-Trichlorophenol	ND		0.37
2,4,5-Trichlorophenol	ND		0.37
2-Chloronaphthalene	ND		0.37
2-Nitroaniline	ND		0.37
Acenaphthylene	ND		0.0074
Dimethylphthalate	ND		0.37
2,6-Dinitrotoluene	ND		0.93
Acenaphthene	ND		0.0074
3-Nitroaniline	ND		0.93
2,4-Dinitrophenol	ND		1.9
Dibenzofuran	ND		0.19
2,4-Dinitrotoluene	ND		0.93
4-Nitrophenol	ND		0.19
Fluorene	ND		0.0074
4-Chlorophenyl-phenylether	ND		0.19
Diethylphthalate	ND		0.37
4-Nitroaniline	ND		0.93
4,6-Dinitro-2-methylphenol	ND		0.93
n-Nitrosodiphenylamine	ND		0.19
4-Bromophenyl-phenylether	ND		0.19
Hexachlorobenzene	ND		0.19
Pentachlorophenol	ND		1.9
Phenanthrene	ND		0.0074
Anthracene	ND		0.0074
Carbazole	ND		0.19
Di-n-butylphthalate	ND		0.19
Fluoranthene	ND		0.0074
Benzidine	ND		4.6
Pyrene	0.011		0.0074

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Samples Submitted: January 26, 2005
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Project: Conoco-Marysville

SEMIVOLATILES by EPA 8270C/SIM
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Lab ID: 01-203-01
Client ID: Bottom Sample

Compound:	Results	Flags	PQL
Butylbenzylphthalate	ND		0.37
3,3'-Dichlorobenzidine	ND		1.9
Benzo[a]anthracene	ND		0.0074
Chrysene	ND		0.0074
bis(2-Ethylhexyl)phthalate	ND		0.93
Di-n-octylphthalate	ND		0.19
Benzo[b]fluoranthene	ND		0.0074
Benzo[k]fluoranthene	ND		0.0074
Benzo[a]pyrene	0.0080		0.0074
Indeno[1,2,3-cd]pyrene	ND		0.0074
Dibenz[a,h]anthracene	ND		0.0074
Benzo[g,h,i]perylene	0.019		0.0074

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	75	25-121
Phenol-d6	79	24-113
Nitrobenzene-d5	74	23-120
2-Fluorobiphenyl	78	30-115
2,4,6-Tribromophenol	90	19-122
Terphenyl-d14	89	18-137

Date of Report: February 4, 2005
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SEMIVOLATILES by EPA 8270C/SIM

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Date Extracted:	1-28-05
Date Analyzed:	1-31-05
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	01-203-02
Client ID:	**North Wall**

Compound:	Results	Flags	PQL
Aniline	ND		0.36
bis(2-Chloroethyl)ether	ND		0.072
Phenol	ND		0.036
2-Chlorophenol	ND		0.036
1,3-Dichlorobenzene	ND		0.036
1,4-Dichlorobenzene	ND		0.036
1,2-Dichlorobenzene	ND		0.036
Benzyl alcohol	ND		0.072
bis(2-chloroisopropyl)ether	ND		0.072
2-Methylphenol	ND		0.036
Hexachloroethane	ND		0.036
N-Nitroso-di-n-propylamine	ND		0.036
4-Methylphenol	ND		0.036
Nitrobenzene	ND		0.036
Isophorone	ND		0.036
2-Nitrophenol	ND		0.072
2,4-Dimethylphenol	ND		0.036
bis(2-Chloroethoxy)methane	ND		0.072
2,4-Dichlorophenol	ND		0.036
Benzoic acid	ND		0.36
1,2,4-Trichlorobenzene	ND		0.036
Naphthalene	ND		0.0072
4-Chloroaniline	ND		0.18
Hexachlorobutadiene	ND		0.072
4-Chloro-3-methylphenol	ND		0.036
2-Methylnaphthalene	ND		0.0072
1-Methylnaphthalene	ND		0.0072

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Lab ID: 01-203-02
Client ID: North Wall

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		0.36
2,4,6-Trichlorophenol	ND		0.072
2,4,5-Trichlorophenol	ND		0.072
2-Chloronaphthalene	ND		0.072
2-Nitroaniline	ND		0.072
Acenaphthylene	ND		0.0072
Dimethylphthalate	ND		0.072
2,6-Dinitrotoluene	ND		0.18
Acenaphthene	ND		0.0072
3-Nitroaniline	ND		0.18
2,4-Dinitrophenol	ND		0.36
Dibenzofuran	ND		0.036
2,4-Dinitrotoluene	ND		0.18
4-Nitrophenol	ND		0.036
Fluorene	ND		0.0072
4-Chlorophenyl-phenylether	ND		0.036
Diethylphthalate	ND		0.072
4-Nitroaniline	ND		0.18
4,6-Dinitro-2-methylphenol	ND		0.18
n-Nitrosodiphenylamine	ND		0.036
4-Bromophenyl-phenylether	ND		0.036
Hexachlorobenzene	ND		0.036
Pentachlorophenol	ND		0.36
Phenanthrene	ND		0.0072
Anthracene	ND		0.0072
Carbazole	ND		0.036
Di-n-butylphthalate	ND		0.036
Fluoranthene	ND		0.0072
Benzidine	ND		0.90
Pyrene	ND		0.0072

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Lab ID: 01-203-02
Client ID: **North Wall**

Compound:	Results	Flags	PQL
Butylbenzylphthalate	ND		0.072
3,3'-Dichlorobenzidine	ND		0.36
Benzo[a]anthracene	ND		0.0072
Chrysene	ND		0.0072
bis(2-Ethylhexyl)phthalate	ND		0.18
Di-n-octylphthalate	ND		0.036
Benzo[b]fluoranthene	ND		0.0072
Benzo[k]fluoranthene	ND		0.0072
Benzo[a]pyrene	ND		0.0072
Indeno[1,2,3-cd]pyrene	ND		0.0072
Dibenz[a,h]anthracene	ND		0.0072
Benzo[g,h,i]perylene	ND		0.0072

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	62	25-121
Phenol-d6	68	24-113
Nitrobenzene-d5	65	23-120
2-Fluorobiphenyl	64	30-115
2,4,6-Tribromophenol	84	19-122
Terphenyl-d14	78	18-137

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
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SEMIVOLATILES by EPA 8270C/SIM

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Date Extracted:	1-28-05
Date Analyzed:	1-31-05
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	01-203-03
Client ID:	**West Wall**

Compound:	Results	Flags	PQL
Aniline	ND		0.36
bis(2-Chloroethyl)ether	ND		0.072
Phenol	ND		0.036
2-Chlorophenol	ND		0.036
1,3-Dichlorobenzene	ND		0.036
1,4-Dichlorobenzene	ND		0.036
1,2-Dichlorobenzene	ND		0.036
Benzyl alcohol	ND		0.072
bis(2-chloroisopropyl)ether	ND		0.072
2-Methylphenol	ND		0.036
Hexachloroethane	ND		0.036
N-Nitroso-di-n-propylamine	ND		0.036
4-Methylphenol	ND		0.036
Nitrobenzene	ND		0.036
Isophorone	ND		0.036
2-Nitrophenol	ND		0.072
2,4-Dimethylphenol	ND		0.036
bis(2-Chloroethoxy)methane	ND		0.072
2,4-Dichlorophenol	ND		0.036
Benzoic acid	ND		0.36
1,2,4-Trichlorobenzene	ND		0.036
Naphthalene	ND		0.0072
4-Chloroaniline	ND		0.18
Hexachlorobutadiene	ND		0.072
4-Chloro-3-methylphenol	ND		0.036
2-Methylnaphthalene	ND		0.0072
1-Methylnaphthalene	ND		0.0072

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
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Lab ID: 01-203-03
Client ID: West Wall

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		0.36
2,4,6-Trichlorophenol	ND		0.072
2,4,5-Trichlorophenol	ND		0.072
2-Chloronaphthalene	ND		0.072
2-Nitroaniline	ND		0.072
Acenaphthylene	ND		0.0072
Dimethylphthalate	ND		0.072
2,6-Dinitrotoluene	ND		0.18
Acenaphthene	ND		0.0072
3-Nitroaniline	ND		0.18
2,4-Dinitrophenol	ND		0.36
Dibenzofuran	ND		0.036
2,4-Dinitrotoluene	ND		0.18
4-Nitrophenol	ND		0.036
Fluorene	ND		0.0072
4-Chlorophenyl-phenylether	ND		0.036
Diethylphthalate	ND		0.072
4-Nitroaniline	ND		0.18
4,6-Dinitro-2-methylphenol	ND		0.18
n-Nitrosodiphenylamine	ND		0.036
4-Bromophenyl-phenylether	ND		0.036
Hexachlorobenzene	ND		0.036
Pentachlorophenol	ND		0.36
Phenanthrene	ND		0.0072
Anthracene	ND		0.0072
Carbazole	ND		0.036
Di-n-butylphthalate	ND		0.036
Fluoranthene	ND		0.0072
Benzidine	ND		0.90
Pyrene	ND		0.0072

Date of Report: February 4, 2005
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Lab ID: 01-203-03
Client ID: **West Wall**

Compound:	Results	Flags	PQL
Butylbenzylphthalate	ND		0.072
3,3'-Dichlorobenzidine	ND		0.36
Benzo[a]anthracene	ND		0.0072
Chrysene	ND		0.0072
bis(2-Ethylhexyl)phthalate	ND		0.18
Di-n-octylphthalate	ND		0.036
Benzo[b]fluoranthene	ND		0.0072
Benzo[k]fluoranthene	ND		0.0072
Benzo[a]pyrene	ND		0.0072
Indeno[1,2,3-cd]pyrene	ND		0.0072
Dibenz[a,h]anthracene	ND		0.0072
Benzo[g,h,i]perylene	ND		0.0072

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	48	25-121
Phenol-d6	54	24-113
Nitrobenzene-d5	49	23-120
2-Fluorobiphenyl	55	30-115
2,4,6-Tribromophenol	75	19-122
Terphenyl-d14	74	18-137

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
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Project: Conoco-Marysville

SEMIVOLATILES by EPA 8270C/SIM
METHOD BLANK QUALITY CONTROL
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Date Extracted:	1-28-05
Date Analyzed:	1-31-05
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0128S1

Compound:	Results	Flags	PQL
Aniline	ND		0.33
bis(2-Chloroethyl)ether	ND		0.067
Phenol	ND		0.033
2-Chlorophenol	ND		0.033
1,3-Dichlorobenzene	ND		0.033
1,4-Dichlorobenzene	ND		0.033
1,2-Dichlorobenzene	ND		0.033
Benzyl alcohol	ND		0.067
bis(2-chloroisopropyl)ether	ND		0.067
2-Methylphenol	ND		0.033
Hexachloroethane	ND		0.033
N-Nitroso-di-n-propylamine	ND		0.033
4-Methylphenol	ND		0.033
Nitrobenzene	ND		0.033
Isophorone	ND		0.033
2-Nitrophenol	ND		0.067
2,4-Dimethylphenol	ND		0.033
bis(2-Chloroethoxy)methane	ND		0.067
2,4-Dichlorophenol	ND		0.033
Benzoic acid	ND		0.33
1,2,4-Trichlorobenzene	ND		0.033
Naphthalene	ND		0.0067
4-Chloroaniline	ND		0.17
Hexachlorobutadiene	ND		0.067
4-Chloro-3-methylphenol	ND		0.033
2-Methylnaphthalene	ND		0.0067
1-Methylnaphthalene	ND		0.0067

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
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METHOD BLANK QUALITY CONTROL
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Lab ID: MB0128S1

Compound:	Results	Flags	PQL
Hexachlorocyclopentadiene	ND		0.33
2,4,6-Trichlorophenol	ND		0.067
2,4,5-Trichlorophenol	ND		0.067
2-Chloronaphthalene	ND		0.067
2-Nitroaniline	ND		0.067
Acenaphthylene	ND		0.0067
Dimethylphthalate	ND		0.067
2,6-Dinitrotoluene	ND		0.17
Acenaphthene	ND		0.0067
3-Nitroaniline	ND		0.17
2,4-Dinitrophenol	ND		0.33
Dibenzofuran	ND		0.033
2,4-Dinitrotoluene	ND		0.17
4-Nitrophenol	ND		0.033
Fluorene	ND		0.0067
4-Chlorophenyl-phenylether	ND		0.033
Diethylphthalate	ND		0.067
4-Nitroaniline	ND		0.17
4,6-Dinitro-2-methylphenol	ND		0.17
n-Nitrosodiphenylamine	ND		0.033
4-Bromophenyl-phenylether	ND		0.033
Hexachlorobenzene	ND		0.033
Pentachlorophenol	ND		0.33
Phenanthrene	ND		0.0067
Anthracene	ND		0.0067
Carbazole	ND		0.033
Di-n-butylphthalate	ND		0.033
Fluoranthene	ND		0.0067
Benzidine	ND		0.83
Pyrene	ND		0.0067

Date of Report: February 4, 2005
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SEMIVOLATILES by EPA 8270C/SIM
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0128S1

Compound:	Results	Flags	PQL
Butylbenzylphthalate	ND		0.067
3,3'-Dichlorobenzidine	ND		0.33
Benzo[a]anthracene	ND		0.0067
Chrysene	ND		0.0067
bis(2-Ethylhexyl)phthalate	ND		0.17
Di-n-octylphthalate	ND		0.033
Benzo[b]fluoranthene	ND		0.0067
Benzo[k]fluoranthene	ND		0.0067
Benzo[a]pyrene	ND		0.0067
Indeno[1,2,3-cd]pyrene	ND		0.0067
Dibenz[a,h]anthracene	ND		0.0067
Benzo[g,h,i]perylene	ND		0.0067

Surrogate :	Percent Recovery	Control Limits
2-Fluorophenol	54	25-121
Phenol-d6	58	24-113
Nitrobenzene-d5	57	23-120
2-Fluorobiphenyl	54	30-115
2,4,6-Tribromophenol	75	19-122
Terphenyl-d14	78	18-137

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

SEMIVOLATILES by EPA 8270C/SIM
SB/SBD QUALITY CONTROL

Date Extracted: 1-28-05
Date Analyzed: 1-31-05

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: SB0128S1

Compound:	MB Amount	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
Phenol	ND	1.33	0.835	63	0.852	64	26-90	
2-Chlorophenol	ND	1.33	0.849	64	0.847	64	25-102	
1,4-Dichlorobenzene	ND	0.667	0.347	52	0.409	61	20-73	
N-Nitroso-di-n-propylamine	ND	0.667	0.385	58	0.407	61	41-126	
1,2,4-Trichlorobenzene	ND	0.667	0.369	55	0.414	62	30-83	
4-Chloro-3-methylphenol	ND	1.33	0.936	70	0.942	71	26-103	
Acenaphthene	ND	0.667	0.447	67	0.446	67	31-137	
2,4-Dinitrotoluene	ND	0.667	0.576	86	0.531	80	28-89	
4-Nitrophenol	ND	1.33	1.14	85	1.09	82	11-114	
Pentachlorophenol	ND	1.33	1.04	78	0.981	74	17-109	
Pyrene	ND	0.667	0.537	81	0.519	78	35-142	

	RPD	RPD Limits	Flags
Phenol	2	35	
2-Chlorophenol	0	50	
1,4-Dichlorobenzene	17	27	
N-Nitroso-di-n-propylamine	5	38	
1,2,4-Trichlorobenzene	11	18	
4-Chloro-3-methylphenol	1	33	
Acenaphthene	0	19	
2,4-Dinitrotoluene	8	47	
4-Nitrophenol	5	50	
Pentachlorophenol	6	47	
Pyrene	4	36	

Date of Report: February 4, 2005
Samples Submitted: January 26, 2005
Laboratory Reference: 0501-203
Project: Conoco-Marysville

% MOISTURE

Date Analyzed: 1-26-05

Client ID	Lab ID	% Moisture
Bottom Sample	01-203-01	10
North Wall	01-203-02	7
West Wall	01-203-03	7

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

G - Insufficient sample quantity for duplicate analysis.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

O - Hydrocarbons indicative of diesel fuel are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a silica gel cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • Fax: (425) 885-4603

Company: SECOR Intl. Inc.
Project Number: Pending
Project Name: Conoco- Marysville
Project Manager: Marc Sauze
Sampled by: Greg McCormick

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☒ Standard (7 working days)
☐ _____ (other)

Laboratory Number: 01-203

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270C	PAHs by 8270C / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	VPH	EPH	% Moisture
1	Bottom Sample	1/26/05	11:00AM	S	1			X			X	X									X
2	North Wall	↓	↓	S	1			X			X	X									X
3	West Wall	↓	↓	S	1			X			X	X									X
												GMC									

	Signature	Company	Date	Time
Relinquished by		SECOR Intl.	1/26/05	12:00
Received by		OnSite Env.	1/26/05	1200
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date		Reviewed by/Date		

Comments/Special Instructions:

Please hold for possible additional analyses.

Chromatograms with final report ☒

DISTRIBUTION LEGEND: White - OnSite Copy Yellow - Report Copy Pink - Client Copy

APPENDIX C
SOIL SAMPLING PROCEDURES

SOIL SAMPLING PROCEDURES

SOIL SAMPLE COLLECTION

Soil samples were collected at selected locations and in accordance with the frequency and locations recommended in the Washington State Department of Ecology document '*Guidance for Site Checks and Site Assessments for Underground Storage Tanks*' Revised October 1992.

A log was compiled during soil sampling, including descriptions of the soil types, color, texture, degree of consolidation, and moisture content. Soil types were based on the Unified Soil Classification System.

FIELD SCREENING OF SOIL SAMPLES

Soil samples were field screened for visual or olfactory indications of petroleum hydrocarbons, tested for sheen by water immersion, and tested for headspace vapor concentrations using a portable photoionization detector (PID).

Data generated from field screening instruments were considered qualitative in nature. Although semi-quantitative data are generated using a PID, the results cannot be relied upon with the confidence of a laboratory analysis. Data generated from this type of analysis may provide the following:

- Identification of soil, water, air, and waste locations that have a high likelihood of showing contamination through subsequent laboratory analysis.
- Real-time data used for health and safety consideration during site reconnaissance and subsequent intrusive activities.
- Quantitative data, if contaminant is known and the instrument is calibrated to that substance.

FIELD SCREENING USING VAPOR HEADSPACE TESTING

The instrument used for headspace vapor testing was a MiniRAE® Plus PID. Prior to use, this instrument was calibrated to a known isobutylene calibrating standard (100 parts per million [ppm]), in accordance with the manufacturer's specifications.

The following sequential steps were completed for each sample analyzed:

- A representative portion of the soil sample was collected directly from exposed soils into a new, sealable Ziploc-type plastic bag. The bag was immediately sealed.
- The sealed bag with sample was allowed to sit at field ambient temperature for several minutes.
- One end of the bag seal was slightly opened and the intake port of a PID was carefully inserted through the opening.

- The stabilized numerical value was observed and recorded onto the boring log form.

This number does not represent a concentration of volatiles in ppm; it is a relative measure of the amount of ionized compounds present. As the exact chemical species present is unknown, the units of concentration are referred to as ppm of isobutylene.

Vapor headspace screening is only applicable as a screening method for the presence of ionizable compounds with first ionization potentials of less than 10.6 electron volts. In addition, variables that may affect measurable concentrations and unaccounted for in this procedure include, but are not limited to: temperature, soil moisture content, and soil organic content. Vapor headspace screening is not designed for screening for evidence of contamination by semi-volatile or non-volatile organic compounds or for the presence of elemental metals or compounds.

EQUIPMENT CALIBRATION AND MAINTENANCE

All instruments and equipment used during this project were operated, calibrated, and maintained according to the manufacturers' guidelines and recommendations. Operation, calibration, and maintenance were performed by personnel who have been properly trained in these procedures.

Field screening instruments used were appropriate for detection of petroleum hydrocarbons such as benzene, toluene, and xylenes. Instruments were calibrated and maintained according to manufacturers' instructions.

APPENDIX D
SOIL DISPOSAL MANIFEST

Woodworth & Company, Inc.

GENERAL CONTRACTORS

1200 East D Street / Tacoma, Washington 98421
Telephone (253) 383-3585

159150

Ticket: 38934

LAKEVIEW PIT TICKET

Contractors Lic. # WOODW 377NO

MEMBER NAPA
NATIONAL ASPHALT PAVEMENT ASSOCIATION

Weaster: ANNE

CAUTION: HOT ASPHALT WILL BURN YOU!

RECEIVED * MARK

CUSTOMER: TPS

PURCHASE ORDER: 5115

TPS
ACCT 81384

	JOB LOAD	JOB TONS
TOTAL		
DAILY	1	14.33

DATE	PLANT	SILO #	JOB	PLANT	TRUCK	SEQUENCE	REFERENCE
1/26/2005							
TIME 12:29:49 PM	PIT 180		511520		9258		

MIXTURE	GROSS	TARE	NET WT. TONS	PRICE	TOTAL
200 DIRTY DIRT	27.91	13.58	14.33		

SPECIAL INSTRUCTIONS

(K) = Manual Weight
(S) = Stored Weight

KBK TRUCKING TR 1

TAX %
PAY THIS AMOUNT

CUBIC YDS

REMARKS

X

VISA MasterCard

2741

Manifest

TPS Technologies Soil Recycling
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transporter Truck #:	Facility #:	Given by TPS:	Load #
	GENERATOR		A03	5115	1

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	Generator's US EPA ID No.
ConocoPhillips Company 1144 EASTLAKE AVE EAST SUITE 201 SEATTLE, WA 98109 USA	(206) 706-2341 Person to Contact: KIP ECKERT FAX#: (206) 706-2339	Customer Account Number with TPS: 1001765 / 76
Consultant's Name and Billing Address:	**Consultant's Phone #:**	
SECOR INTERNATIONAL, INC. 12034 134th COURT NE SUITE #102 REDMOND, WA 98052 USA	(425) 372-1600 Person to Contact: MARC SAUZE FAX#: (425) 372-1650	Customer Account Number with TPS: 1001387 / 20
Generation Site (Transport from): *(name & address)*	**Site Phone #:**	BTEX Levels
CONOCOPHILLIPS MARYSVILLE HOIST PULL 3323 MARINE VIEW DRIVE MARYSVILLE, WA USA	Person to Contact: KIPP ECKERT FAX#:	TPH Levels AVG. Levels
Designated Facility (Transport to): *(name & address)*	**Facility Phone #:**	Facility Permit Numbers
TPS Technologies Inc. 2600 - 104th Street Court South Lakewood, WA 98499 USA	(253)584-8430 Person to Contact: Jennifer Pidgeon FAX#: (253)584-8309	
Transporter Name and Mailing Address:	**Transporter's Phone #:**	Transporter's US EPA ID No.:
CUSTOM BACKHOE & DUMP TRUCK 13032 SE 45th CT. BELLEVUE, WA 98006 USA	(425) 641-6659 Person to Contact: GEOFF YATES FAX#: (425) 562-2817	Transporter's DOT No.: Customer Account Number with TPS: 1002109 / 113

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐		NET TONS=			

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐	Signature and date:	Month	Day	Year
->				

Transporter

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
X Mark De Jager	Mark De Jager	1	26	05

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
J. Pidgeon	Jennifer Pidgeon 1-26-05

Please print or type.

TRANSPORTER'S COPY

Ticket #

187[illegible]195

Rinker MATERIALS™
Northwest Division

P.O. BOX 2037, EVERETT, WA 98213 • (425) 355-2111

Date [illegible]	Plant 71 Plant Desc [illegible]	Ticket Time [illegible] 05PM
Project #	Job # PO # [illegible]	Zone Map ID

Customer # [illegible] Sold to [illegible]

Delivery Address

76 GAS STATION WEST SIDE ARLINGTON WA 98223

[illegible]

Truck # [illegible]

Hauler/Truck Description

BILL SPRINGBROOK NURSE

WeighMaster

Instructions

206-619-2096

	LB	Metric Ton	
Gross	54,000	24.72	27.20
Tare	27,100	12.29	12.55
Net	26,900	12.47	12.75

* Manual Weight

LOAD QUANTITY	CUMULATIVE QUANTITY	# OF LOADS	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
12.75 TON	12.75	1	1182511	5/8" PEA GRAVEL		

SUB-TOTAL TAX [illegible] TICKET TOTAL

The undersigned promises to pay all costs, including reasonable attorney's fees, incurred in collecting any sums owed.

All accounts not paid within 30 days of delivery will bear interest at the rate of 18% per annum.

Not Responsible for Reactive Aggregate or Color Quality. No Claim Allowed Unless Made at Time Material is Delivered.

A $40.00 Service Charge and Loss of the Cash Discount will be collected on all Returned Checks.

Standby
Time _____ Initals _____

PROPERTY DAMAGE RELEASE (TO BE SIGNED IF DELIVERY IS TO BE MADE INSIDE CURB LINE)

Dear Customer: The driver of this truck is presenting this RELEASE to you for your signature is of the opinion that the size and weight of his truck may possibly cause damage to the premises and/or adjacent property if he places the material in this load where you desire it. It is our wish to help you in every way that we can, but in order to do this the driver is requesting that you sign this RELEASE relieving him and this supplier from any responsibility from any damage that may occur to the premises and/or adjacent property, buildings, sidewalks, drive-ways, curbs, etc. by the delivery of this material and that you also agree to help him remove mud from the wheels of his vehicle so that he will not litter the public street. Further, as additional consideration, the undersigned agrees to indemnify and hold harmless the driver of this truck and this supplier for any and all damage to the premises and/or adjacent property which may be claimed by anyone to have arisen out of delivery of this order.

SIGNED

NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING NOTICE AND SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE.

LOAD RECEIVED BY:

X _____
CUSTOMER SIGNATURE

1430089

CUSTOMER COPY